

06-20-05

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03/17/2005

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**300 S. WACKER DRIVE**  
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**CHICAGO, IL 60606**

06/21/2005 MBERHE1 00000056 09761519

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Erika Avitia (Depositor's name)

Erika Avitia (Signature)

June 17, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/761,519	01/16/2001	Jeffrey C. Strait	99,784-A	5663

**TITLE OF INVENTION:** METHOD AND SYSTEM FOR A MULTIPLE DIMENSIONAL ADAPTIVE FREQUENCY DOMAIN NOISE CANCELLER FOR DMT TRANSCEIVERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	06/17/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
BURD, KEVIN MICHAEL	2631	375-260000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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McDonnell Boehnen

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

3Com Corporation

Marlborough, Massachusetts

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 13-2490 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Mark L. Chael

Date June 17, 2005

Typed or printed name

Mark L. Chael

Registration No.

44,601

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
MBHB Case No. 99-784-A

In re Application of:	)	
	)	
Jeffrey C. Strait	)	Confirmation No.: 5663
	)	
Serial No.: 09/761,519	)	Art Unit: 2631
	)	
Filed: January 16, 2001	)	Examiner: K.M. Burd
	)	
For: Method and System for a Multiple	)	
Dimensional Adaptive Frequency	)	
Domain Noise Canceller for DMT	)	
Transceivers	)	

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

1. In regard to the above identified application,  
We are transmitting herewith the attached:
  - a) Part B – Fee(s) Transmittal; and
  - b) Return Receipt Postcard.
2. With respect to fees:
  - a) Check in the amount of \$1,400.00 is enclosed.
  - b) Please debit or credit Deposit Account No. 13-2490 for any fees underpaid or overpaid. A duplicate copy of this sheet is enclosed.
3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and any documents described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 17, 2005.

Respectfully submitted,

Mark L. Chael  
Registration No. 44,601

Date: June 17, 2005